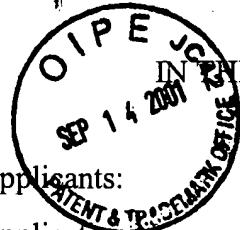


HAMILTON BROOK, SMITH & REYNOLDS, P.C.

FEE TRANSMITTAL FOR PATENT APPLICATIONS		Attorney Docket Number	1086.2003-001		
		Application Number	09/904,168		
		First Named Inventor	Magiel J. Harmse		
CLAIM CALCULATION (includes any preliminary amendment)					
CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
	TOTAL CLAIMS (37 CFR 1.16(c) or (j))	86 - 20* =	66	x \$ 18 =	\$ 1188
	INDEPENDENT CLAIMS (37 CFR 1.16(b) or (i))	4 - 3** =	1	x \$ 80 =	\$ 80
	MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d))			+ \$ 270 =	\$
				BASIC FEE (37 CFR 1.16(a) or (h))	\$ 710
				Total of above Calculations =	\$ 1978
	Reduction by 50% for filing by small entity (37 CFR 1.9, 1.27, 1.28) =			\$	
	TOTAL =			\$ 1978	
	Surcharge - Late Filing of Declaration or Filing Fees (37 C.F.R. 1.16(e)) =			\$ 130	
	Petition for Extension of Time Fee (37 C.F.R. 1.17) =			\$	
	Assignment Recordation Fee = (only when filed with application)			\$	
* Reissue claims in excess of 20 and over original patent ** Reissue independent claims over original patent			TOTAL =	\$ 2108	

1. Small entity status:
 - a. A small entity statement is enclosed.
 - b. A small entity statement was filed in the prior non-provisional application and such status is still proper and desired.
 - c. Is no longer claimed.
2. A general authorization is hereby granted to charge deposit account number 08-0380 for any fees required under 37 CFR 1.16 and 1.17 in order to maintain pendency of this application. A copy of this authorization is enclosed for accounting purposes.
3. A check is enclosed for \$2108.00. Please charge \$[] to Deposit Account No. 08-0380.
4. Other: _____

Signature	Mary Lou Wakimura	Date	9/7/01
Submitted by Typed or Printed Name	Mary Lou Wakimura	Reg. Number	31,804



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Magiel J. Harmse
Application No.: 09/904,168 Group: 2171
Filed: July 12, 2001 Examiner: Not assigned
For: AUTOMATED CLOSED LOOP STEP TESTING OF PROCESS UNITS

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231

on Sept 01 Margret A. Norett
Date Signature
Margret A. Norett
Typed or printed name of person signing certificate

REPLY TO NOTICE TO FILE MISSING PARTS OF APPLICATION

Box Missing Parts
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In reply to the Notice to File Missing Parts dated August 27, 2001, the following documents and fees are being submitted for filing in the captioned application. A copy of the Notice is attached.

- EXECUTED DECLARATION/POWER OF ATTORNEY**
- FILING FEE** - with Fee Transmittal for Patent Applications in duplicate.
- SURCHARGE** - surcharge fee of \$130.00.
- SEQUENCE LISTING** - Filed concurrently and is attached.

[X] TRANSMITTAL OF SUBSTITUTE DRAWINGS

[X] Sheets of substitute drawings consisting of Figs. 1A - 4 are enclosed.

[] PETITION FOR EXTENSION OF TIME

[] Applicant hereby petitions to extend the time to respond to the Notice to File Missing Parts dated [] for [] month(s) from [] to [].
The appropriate fee of \$[] is included in the enclosed check.

[] A [] month extension of time to respond to the Notice to File Missing Parts dated [] was filed on [] with payment of a \$[] fee.

[] Applicant hereby petitions for an additional [] month extension of time to respond to the Notice to File Missing Parts. The appropriate fee of \$[] is included in the enclosed check.

[] REQUEST FOR CORRECTED FILING RECEIPT - Filed concurrently and is attached.**[] STATEMENT CLAIMING SMALL ENTITY STATUS**

[] Was filed on [].

[] Is enclosed herewith.

[] In view of the small entity status of the captioned application, we hereby request a reimbursement of 50% of the filing fees in the amount of \$[] which were paid on [] to be deposited in Deposit Account No. 08-0380.

The fees required for filing the indicated documents are enclosed in the form of a check in the total amount of \$2180.00. Please charge any deficiency or credit any overpayment in the fees that may be due in this matter to Deposit Account No. 08-0380. A copy of this letter is enclosed for accounting purposes.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By Mary Lou Wakimura
Mary Lou Wakimura
Registration No.: 31,804
Tel.: (781) 861-6240
Fax: (781) 861-9540

Lexington, Massachusetts 02421-4799

Date: 9/7/01



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Page 1 of 2

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UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/904,168	07/12/2001	Magiel J. Harmse	1086.2003-001

CONFIRMATION NO. 1182

FORMALITIES LETTER



OC00000006473450

Mary Lou Wakimura, Esq.
HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
Two Militia Drive
Lexington, MA 02421-4799

Date Mailed: 08/27/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

09/17/2001 BMGUYEN1 00000086 09904168

FILED UNDER 37 CFR 1.53(b)

01 FC:101	710.00	OP
02 FC:103	1188.00	OP
03 FC:102	80.00	OP
04 FC:105	130.00	OP

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 710 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).
- Total additional claim fee(s) for this application is \$1268.
 - \$1188 for 66 total claims over 20.
 - \$80 for 1 independent claims over 3 .
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 2108.**

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
 - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

Sandy
A copy of this notice **MUST** be returned with the reply.

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

0000460-C004404